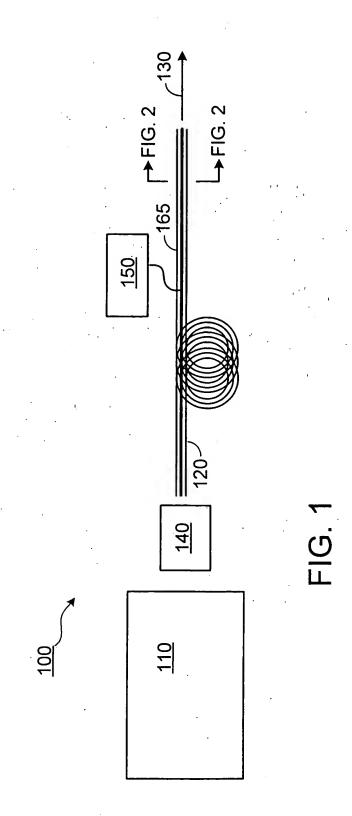


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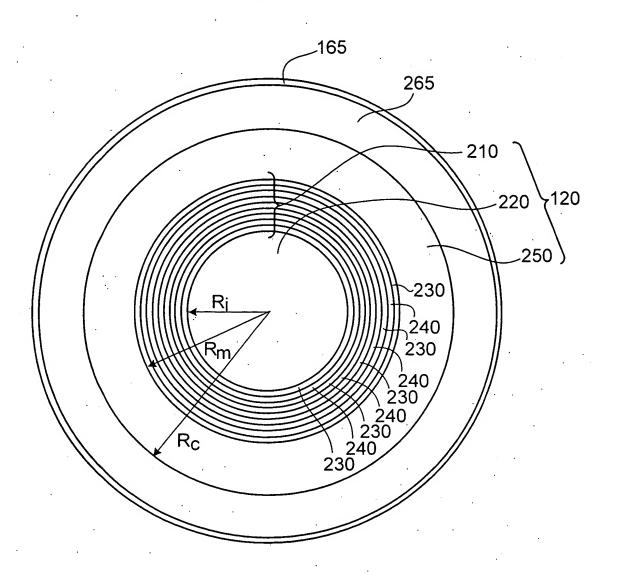
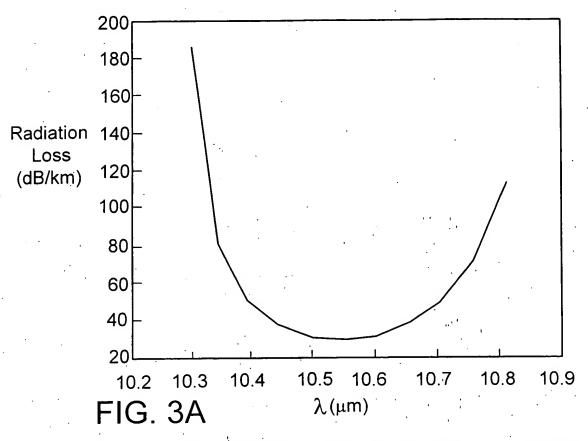


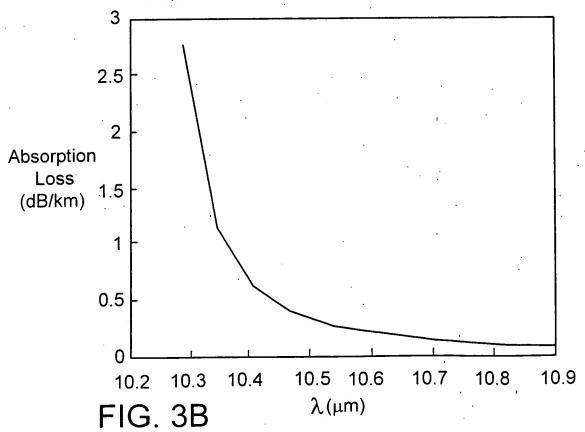
FIG. 2

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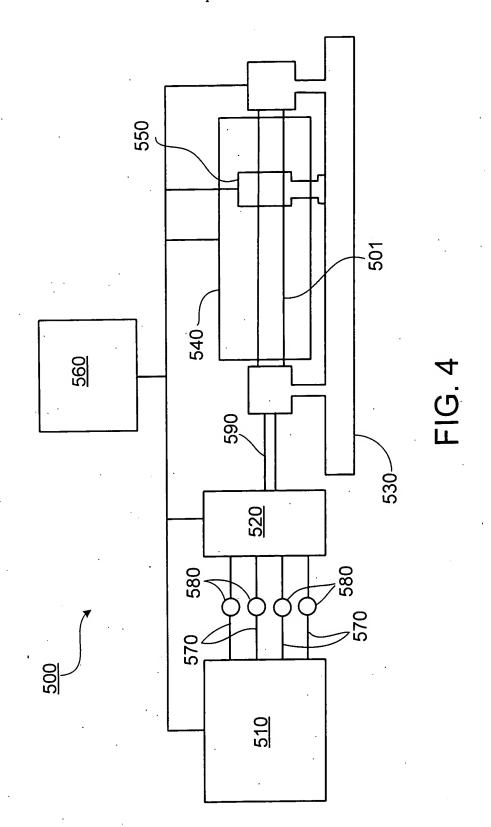
HE<sub>11</sub> radiation losses  $R_c$  = 500  $\mu$ m,  $N_1$  = 55,  $n_n/n_1$  = 2.7/2.3



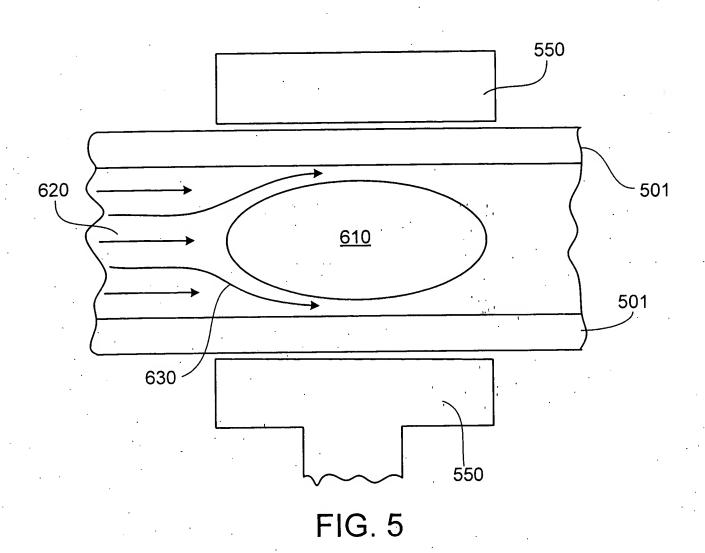
HE<sub>11</sub> dissipation losses  $R_c$  = 500  $\mu m$ ,  $N_1$  = 55,  $n_n/n_1$  = 2.7/2.3



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